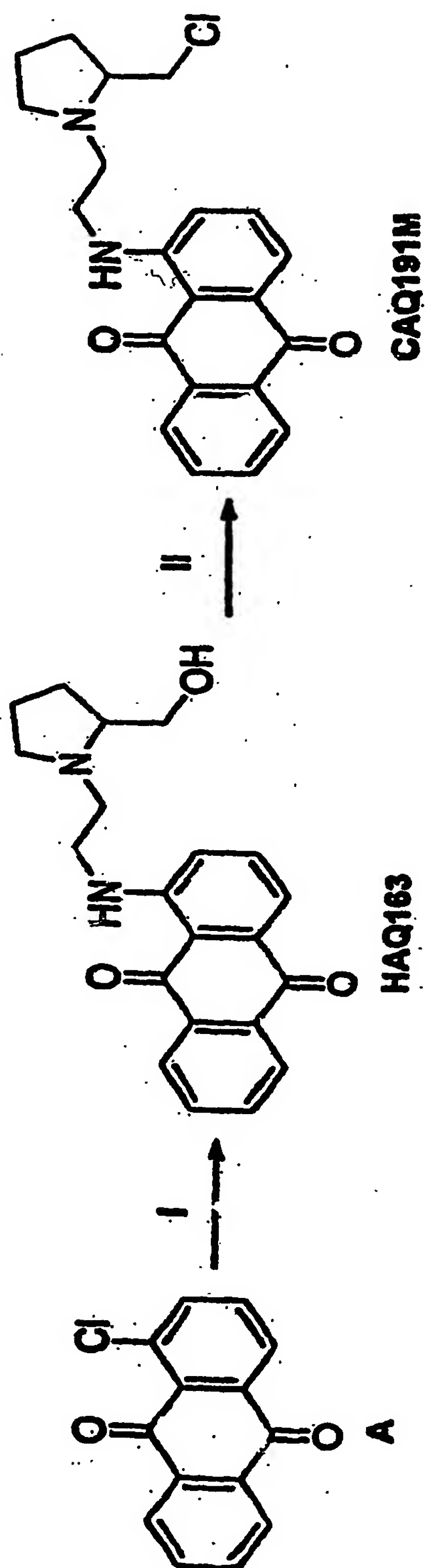
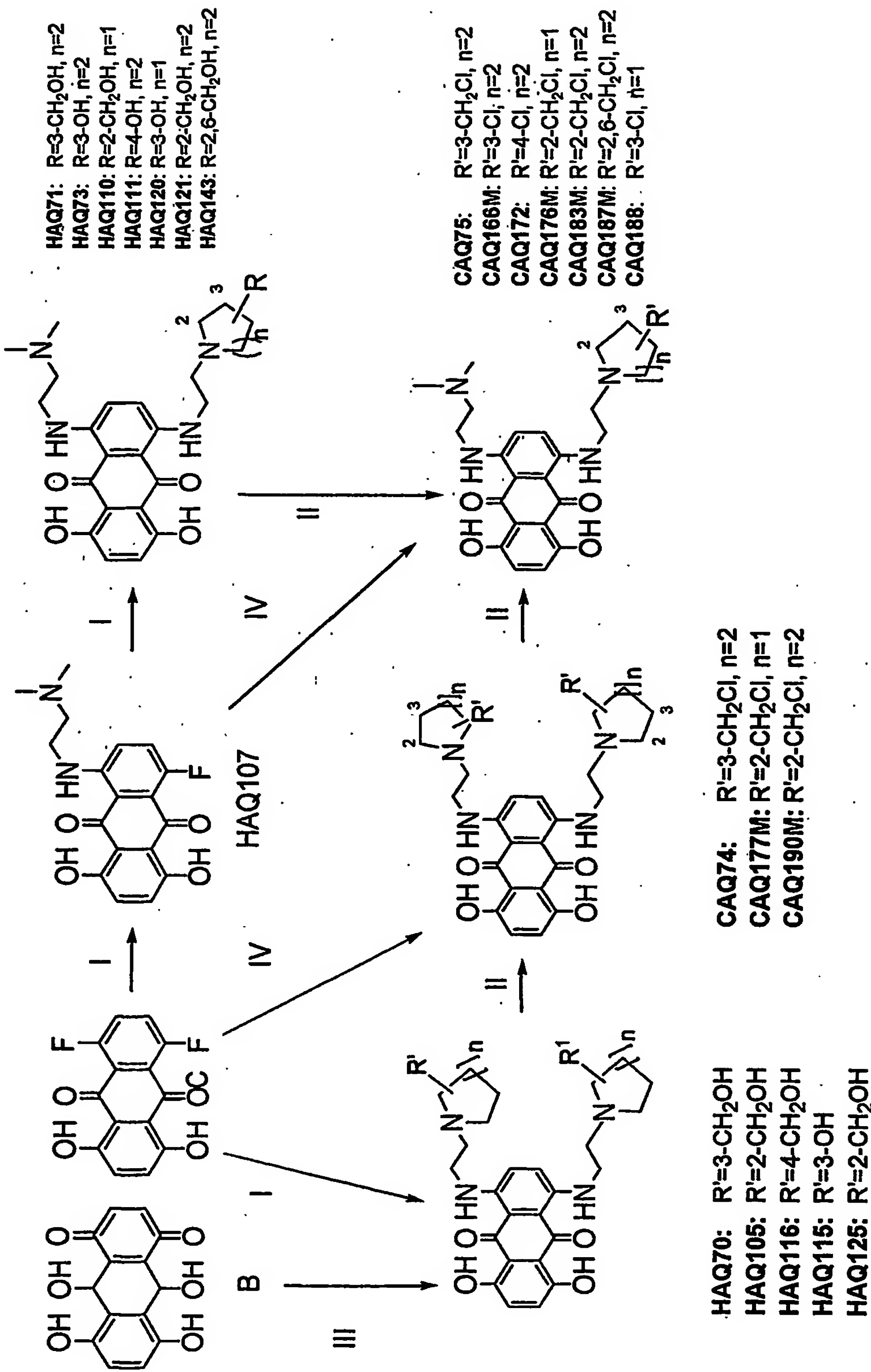


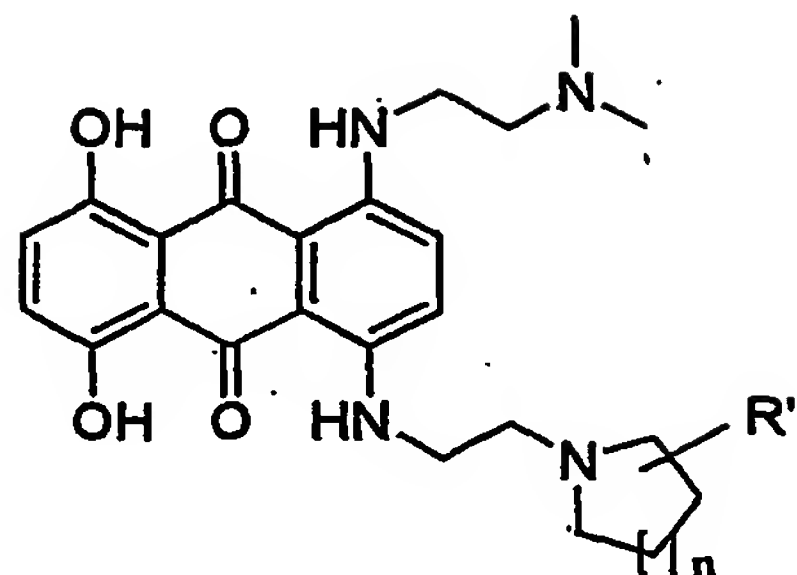
1 / 4



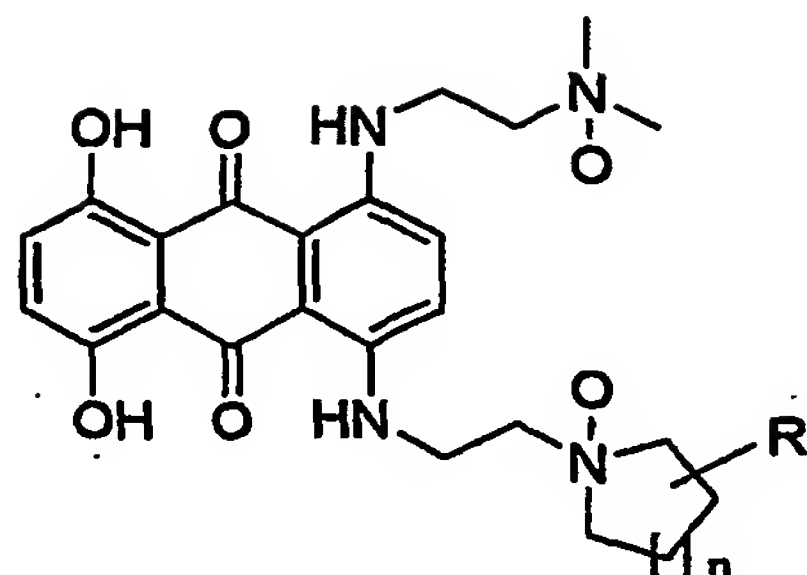
Scheme 2



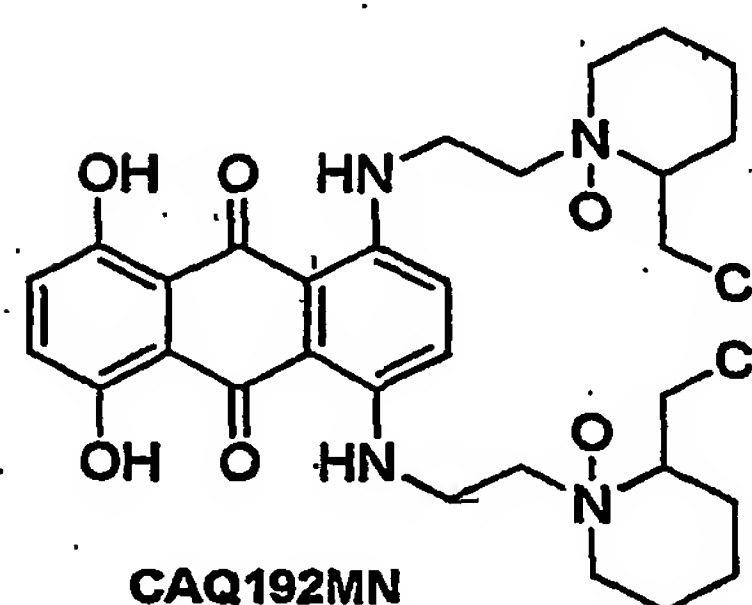
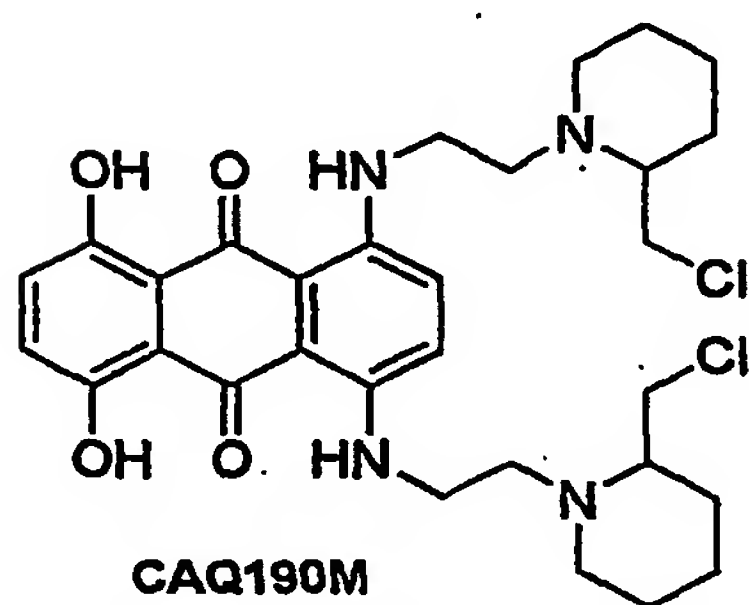
3/4



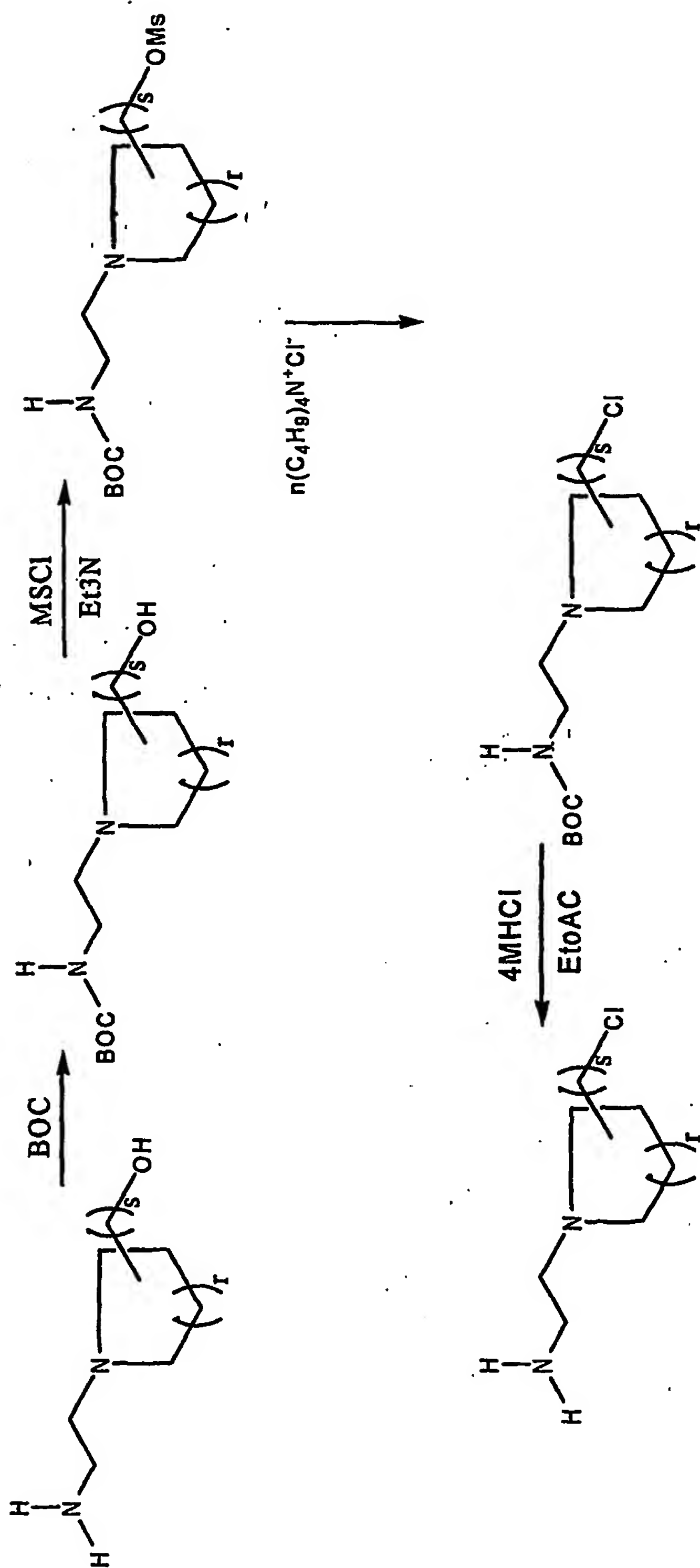
HAQ110: $R'=2\text{-CH}_2\text{OH}$, $n=1$
CAQ166M: $R'=3\text{-Cl}$, $n=2$
CAQ172: $R'=4\text{-Cl}$, $n=2$
CAQ176M: $R'=2\text{-CH}_2\text{Cl}$, $n=1$



HAQ132N: R'=2-CH₂OH, n=1
CAQ167MN: R'=3-Cl, n=2
CAQ179N: R'=4-Cl, n=2
CAQ181MN: R'=2-CH₂Cl, n=1



Scheme 4



- Ex 17: $r=2$ $s=0$ 3-Cl
 Ex 18: $r=2$ $s=0$ 4-Cl (comparative)
 Ex 19/20: $r=1$ $s=1$ 2-CH₂Cl
 Ex 21: $r=2$ $s=0$ 3-Cl (comparative)

Scheme 5